

an object evaluation component which, for said current input sequence, identifies one or a plurality of candidate objects in memory, and for one or more identified candidate objects, evaluates identified candidate objects by calculating a matching metric based on the calculated distances and any determined character set members and ranks the evaluated candidate objects based on the calculated matching metric values; and

a selection component for identifying candidate objects according to their evaluated ranking, presenting any identified objects to the user, and enabling the user to select one of the presented objects for output to the output device.

2. The system of claim 1, wherein one or more of the plurality of objects in said memory is further associated with one or a plurality of predefined groupings of objects.

3. The system of claim 1, wherein one or more of the plurality of objects in said memory are further associated with one or a plurality of modules, wherein each module comprises or generates a set of objects having one or a plurality of common characteristics.

4. The system of claim 1, wherein one or more of the plurality of objects in said memory is further associated with a promotion value.

5. The system of claim 4 said object evaluation component further comprising:

a method for applying a weighting function according to the promotion value.

6. The system of claim 1, wherein the character set members are arranged on the auto-correcting keyboard region in approximately alphabetic order for a language.

7. The system of claim 1, wherein the character set members are arranged on the auto-correcting keyboard region in approximately any standard keyboard layout.

8. The system of claim 1, wherein the auto-correcting keyboard region comprises one or a plurality of known locations associated with one or a plurality of punctuation characters and/or diacritic marks, and wherein the memory comprises one or a plurality of objects which include one or a plurality of the punctuation characters and/or diacritic marks associated with locations in said region.

9. The system of claim 1, further comprising:

means for providing feedback to the user identifying the character set members near a current interaction location.

10. The system of claim 9, wherein the feedback is presented visually on the output device and one or more character set members corresponding to known locations closest to the current interaction location are indicated by one or more of: size, color, background shading, and font attribute.

11. The system of claim 1, wherein the user input device further comprises means for changing some or all of the auto-correcting keyboard region to a determined key state, wherein a character set member is determined when a user interacts with one of the keys in the changed region and a representation of the determined character set member is added to said current input sequence.

12. The system of claim 1, wherein the word evaluation component determines for a determined interaction location in said current input sequence, a closest known location corresponding to a character set member, and constructs an

exact typing object composed of said corresponding and other determined character set members in an order corresponding to said current input sequence.

13. The system of claim 1, wherein the selection component identifies a highest ranked candidate object and presents the identified object on the output device.

14. The system of claim 13, wherein the selection component presents the identified object on the output device at or near the current interaction location.

15. The system of claim 13, further comprising a user input region or device that is associated with an object selection function, wherein an interaction with said device replaces the object presented on the output device with a next highest ranked object of the identified one or a plurality of candidate objects.

16. The system of claim 1, wherein the set of distance values calculated by the distance value calculation component are weighted or scaled based on any of:

the calculated distance from the determined interaction location to the known coordinate location corresponding to each character set member relative to a determined value, said calculated distance relative to the shortest distance to a known coordinate location corresponding to a character set member, and a promotion value associated with each character set member.

17. The system of claim 16, wherein the word evaluation component calculates the matching metric for each candidate object based on the product of the distance values calculated for each character set member in the corresponding position of the candidate object.

18. The system of claim 17, wherein ranking of the evaluated candidate objects by the word evaluation component is a function of their calculated matching metric value and the product of the most significant distance values of the sets calculated for all of the determined interaction locations in said current input sequence.

19. The system of claim 17, wherein ranking of the evaluated candidate objects by the word evaluation component is a function of the calculated matching metric value and an associated promotion value.

20. The system of claim 1, wherein for a character set member corresponding to a known coordinate location in the auto-correcting region, a region is predefined around one or a plurality of said known coordinate locations, wherein the distance between an input interaction location falling within said predefined region and the known coordinate location within said predefined region is calculated as a distance of zero.

21. The system of claim 1, wherein at least one of the locations with known coordinates in the auto-correcting region corresponds to a plurality of characters of a character set, one or a plurality of which comprise at least one diacritic mark, wherein the plurality of character set members comprise variant forms of another character set member and wherein objects in memory contain said variant forms.

22. The system of claim 1, wherein a candidate is selected through an alternate input modality.

23. The system of claim 1, wherein user inputs for said current input sequence are provided through a combination of different modalities.

24. The system of claim 1, wherein the selection component detects a distinctive manner of selection that is used to select a candidate object, wherein upon detecting that an object has been selected through said distinctive manner, the